

FIG. 1

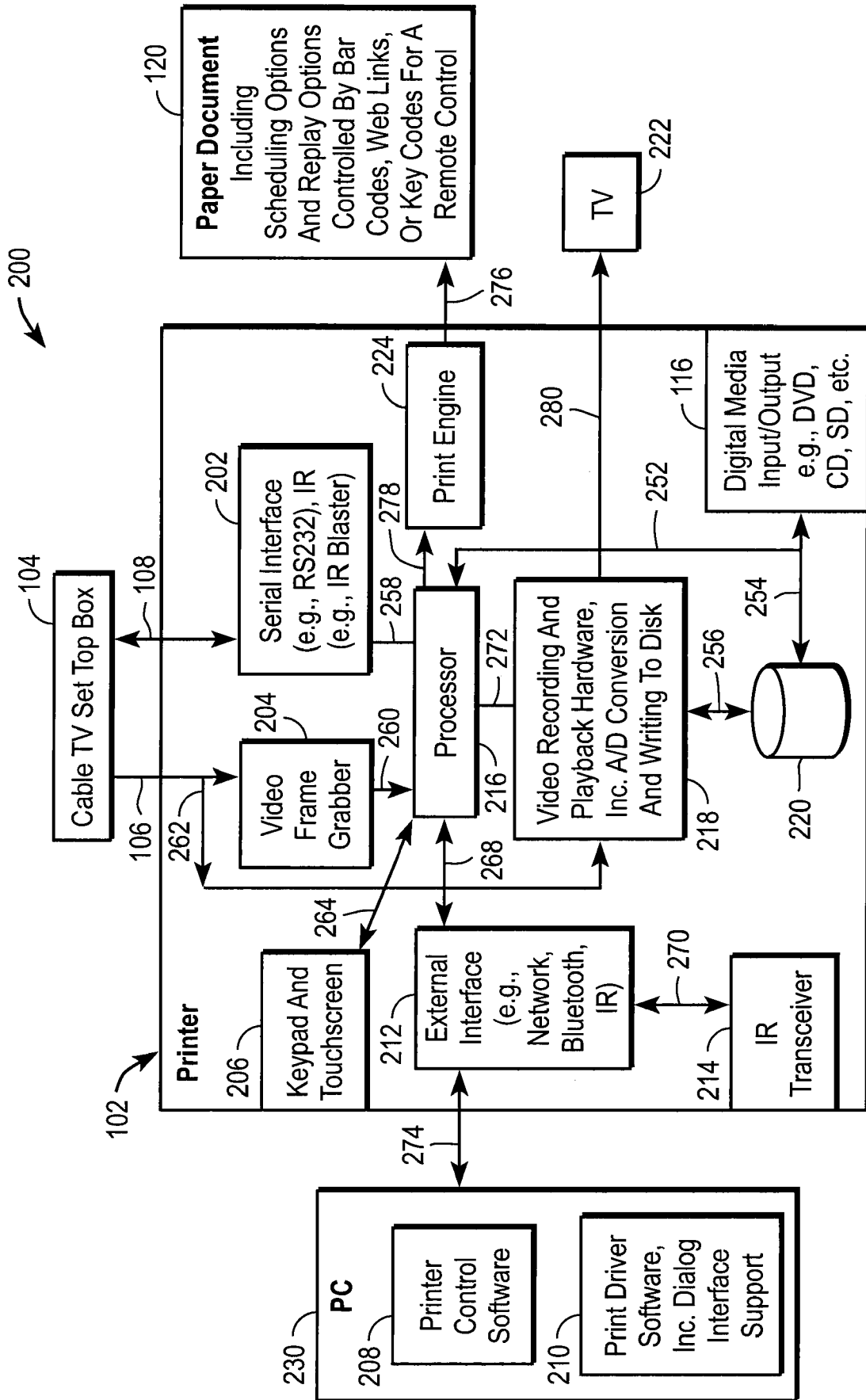


FIG. 2

300

<RICOH - VIDEO - RECORDER - PRINTER - AFICIO - 6534VR.

```

<CHANNELS>
  <SCHEDULE - CHANNEL>028</SCHEDULE - CHANNEL>
</CHANNELS>

<SCHEDULE_UPDATE_TIME>0200 GMT daily</SCHEDULE - UPDATE - TIME>

<COMMAND - SYNTAX>
  <CHANGE - CHANNEL>#32</CHANGE - CHANNEL>
  <SCHEDULE - FORWARD>#45</SCHEDULE - FORWARD>
  <SCHEDULE - BACKWARD>#46</SCHEDULE - BACKWARD>
  <CHANNEL - FORWARD>#22</CHANNEL - FORWARD>
  <CHANNEL - BACKWARD >#23</CHANNEL - BACKWARD >
  ...

</ COMMAND - SYNTAX>

<LAYOUT - DESCRIPTION>
  <SCHEDULE - CHANNEL>
    <DIMS><X>0</X><Y>0</Y><WIDE>640</WIDE><HI>480</HI></DIMS>
    <DIMS><X>0</X><Y>0</Y><WIDE>640</WIDE><HI>480</HI></DIMS>
    <BEGIN_N><X>320</X><Y>50</Y><WIDE>50</WIDE><HI>20</HI></BEGIN_N>
    <END_N><X>390</X><Y>50</Y><WIDE>50</WIDE><HI>20</HI></END_N>
    <NO_N><X>500</X><Y>60</Y><WIDE>40</WIDE><HI>20</HI></NO_N>
    <ID_N><X>540</X><Y>60</Y><WIDE>40</WIDE><HI>20</HI></ID_N>
    <PROG_DESC><X>320</X><Y>100</Y><WIDE>280</WIDE><HI>80</HI></PROG_DESC>
    <TIME1><X>150</X><Y>200</Y><WIDE>80</WIDE><HI>20</HI></TIME1>
    <TIME2><X>280</X><Y>200</Y><WIDE>80</WIDE><HI>20</HI></TIME2>
    <TIME3><X>400</X><Y>200</Y><WIDE>80</WIDE><HI>20</HI></TIME3>
    <NO_1><X>60</X><Y>230</Y><WIDE>40</WIDE><HI>30</HI></NO_1>
    <ID_1><X>0</X><Y>230</Y><WIDE>40</WIDE><HI>30</HI></ID_1>
    <PROGS_1><X>0</X><Y>230</Y><WIDE>350</WIDE><HI>30</HI></PROGS_1>
    ...
  </SCHEDULE_CHANNEL>
  ...
</LAYOUT - DESCRIPTION>
...
<RICOH - VIDEO - RECORDER - PRINTER - AFICIO - 6534VR.

```

FIG. 3

400

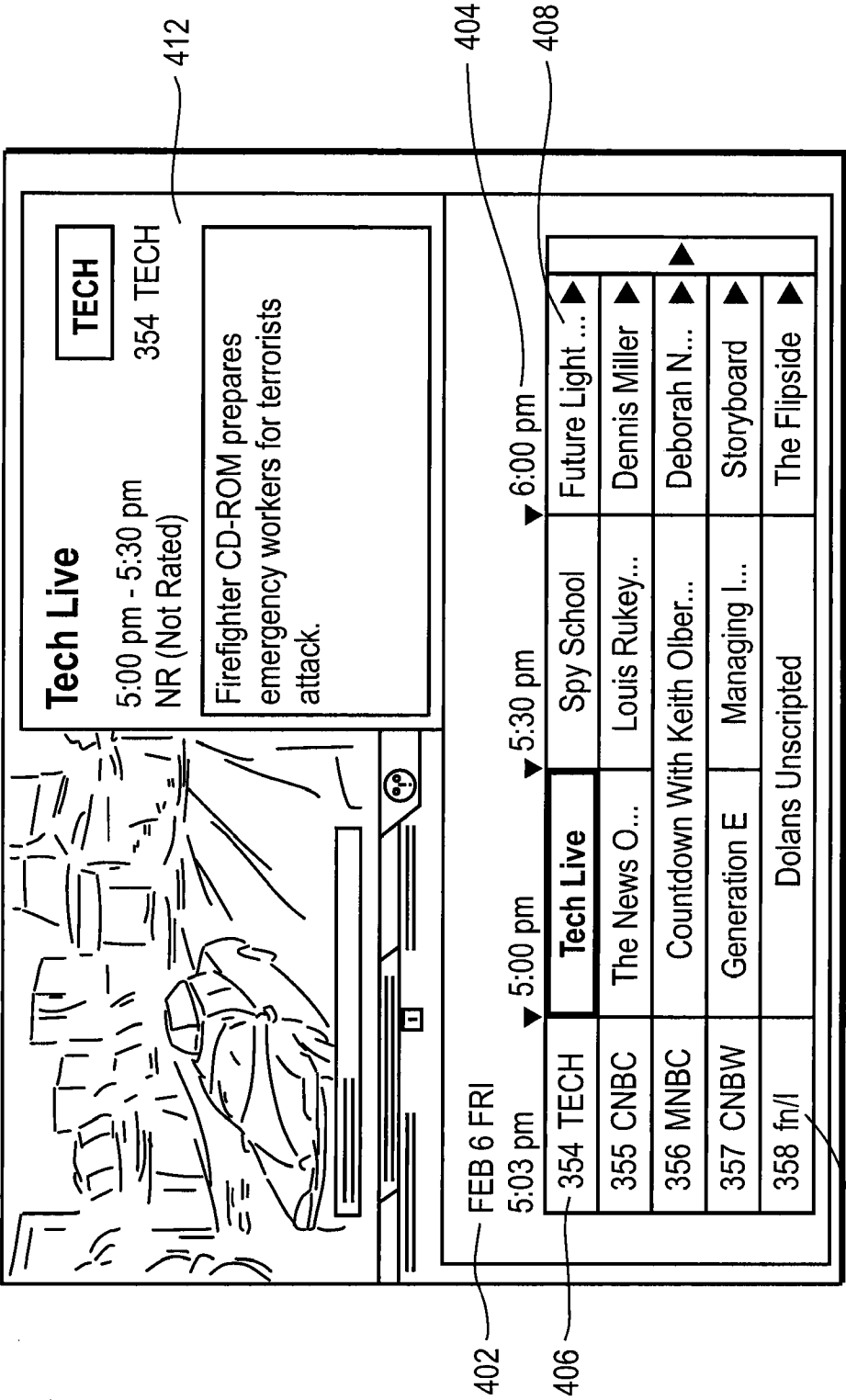
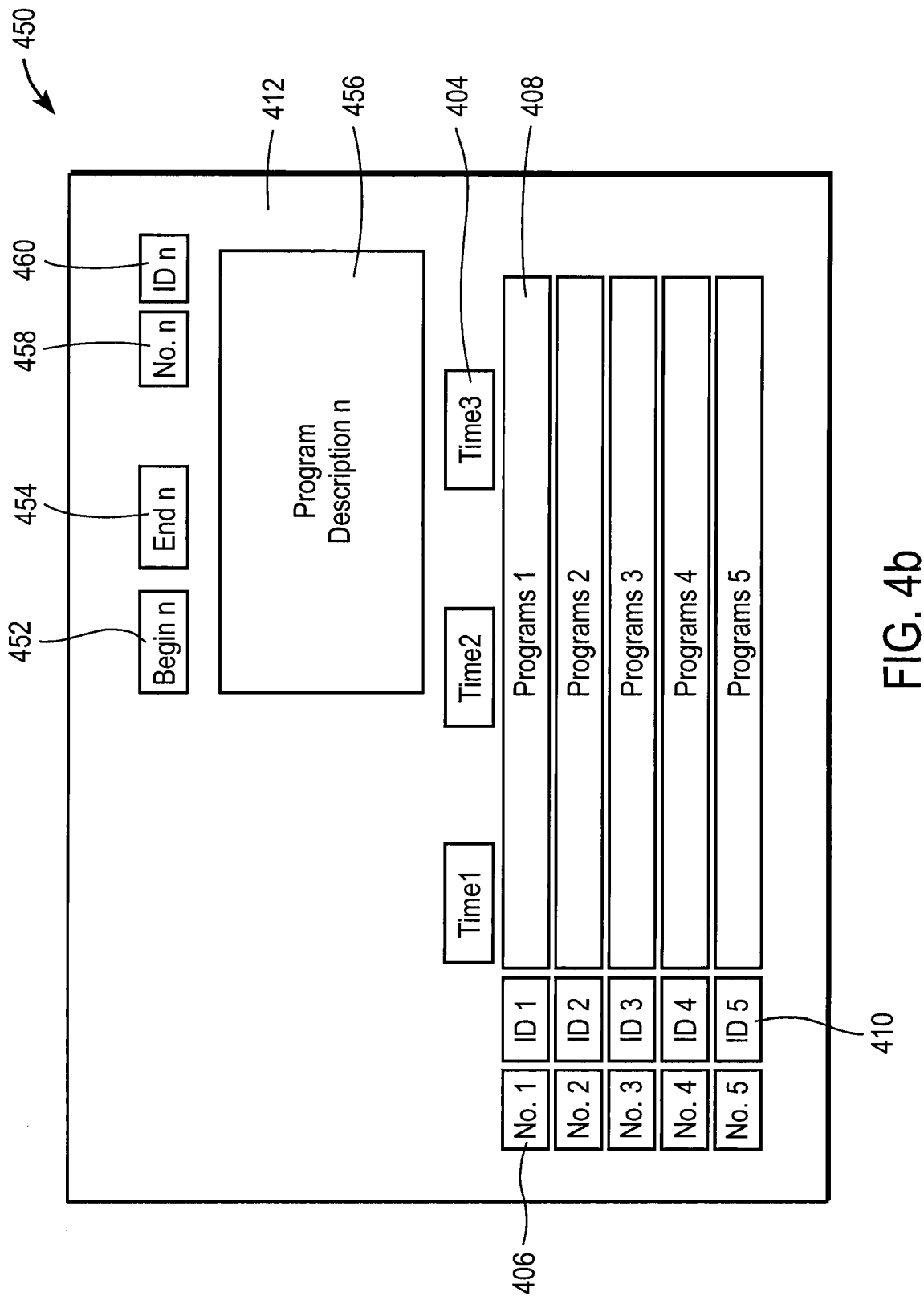


FIG. 4a



500

| 406 } | 410 } | 452 } | 454 } | 408 } | 502 } |
|----------|----------|------------|----------|----------------------|-------------------|
| Channel | ID | Begin Time | End Time | Title | Description |
| 354 | TECH | 5:00 pm | 5:30 pm | Tech Live | Firefighter CD... |
| 354 | TECH | 5:30 pm | 6:00 pm | Spy School | ... |
| 354 | TECH | 6:00 pm | 7:00 pm | Future Light | ... |
| 355 | CNBC | 5:00 pm | 5:30 pm | The News | ... |
| 355 | CNBC | 5:30 pm | 6:00 pm | Louis Rukeyser | ... |
| 355 | CNBC | 6:00 pm | 7:00 pm | Dennis Miller | ... |
| 356 | MNBC | 5:00 pm | 6:00 pm | Countdown with Keith | ... |
| 356 | MNBC | 6:00 pm | 7:00 pm | Deborah Norville | ... |
| 357 | CNBW | 5:00 pm | 5:30 pm | Generation E | ... |
| 357 | CNBW | 5:30 pm | 6:00 pm | Managing I | ... |
| 357 | CNBW | 6:00 pm | 6:30 pm | Storyboard | ... |
| 358 | fn/l | 5:00 pm | 6:00 pm | Dolans Unscripted | ... |
| 358 | fn/l | 6:00 pm | 7:00 pm | The Flipside | ... |

FIG. 5

Update Schedule Command

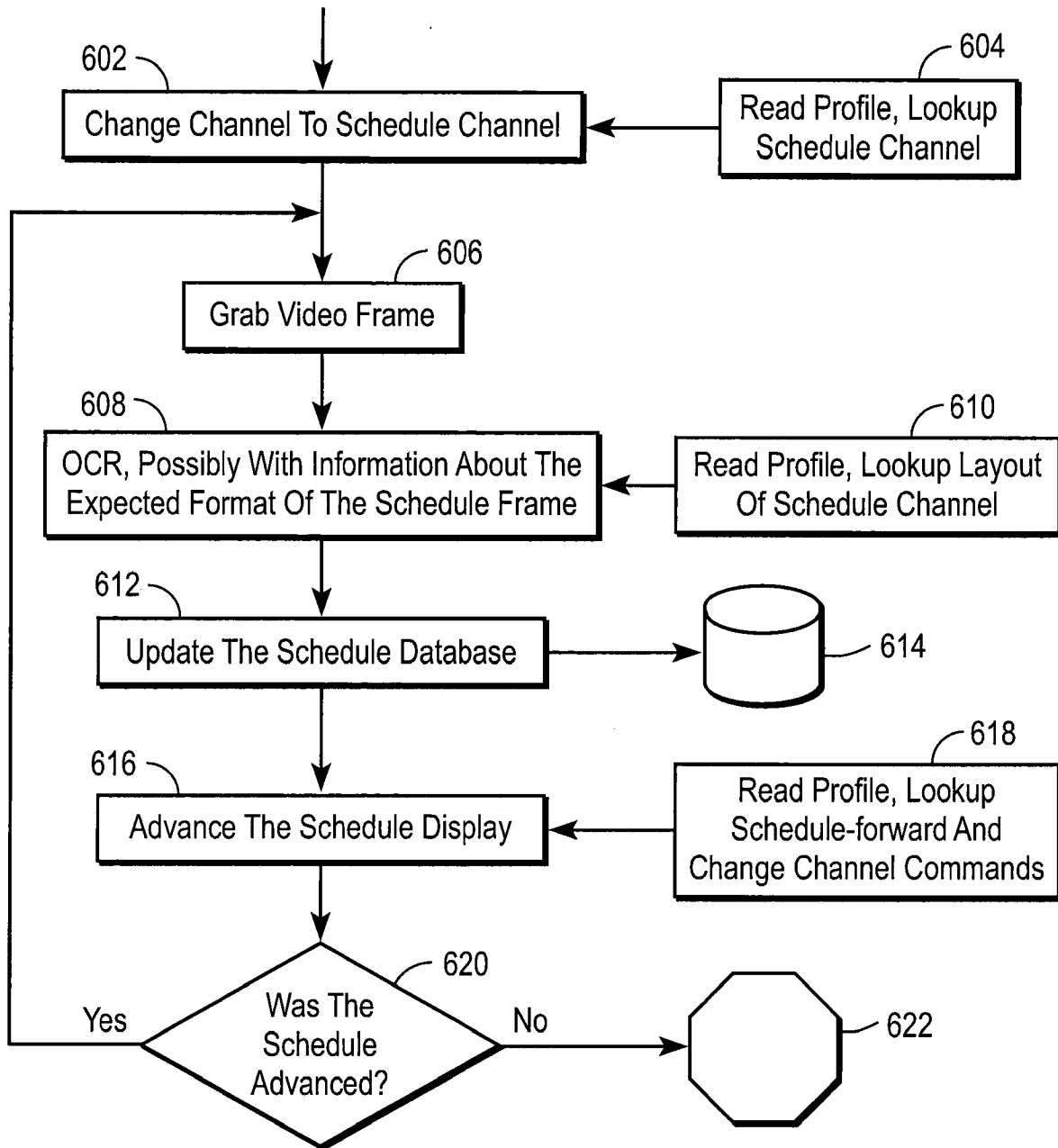


FIG. 6

Update The Schedule Database Command

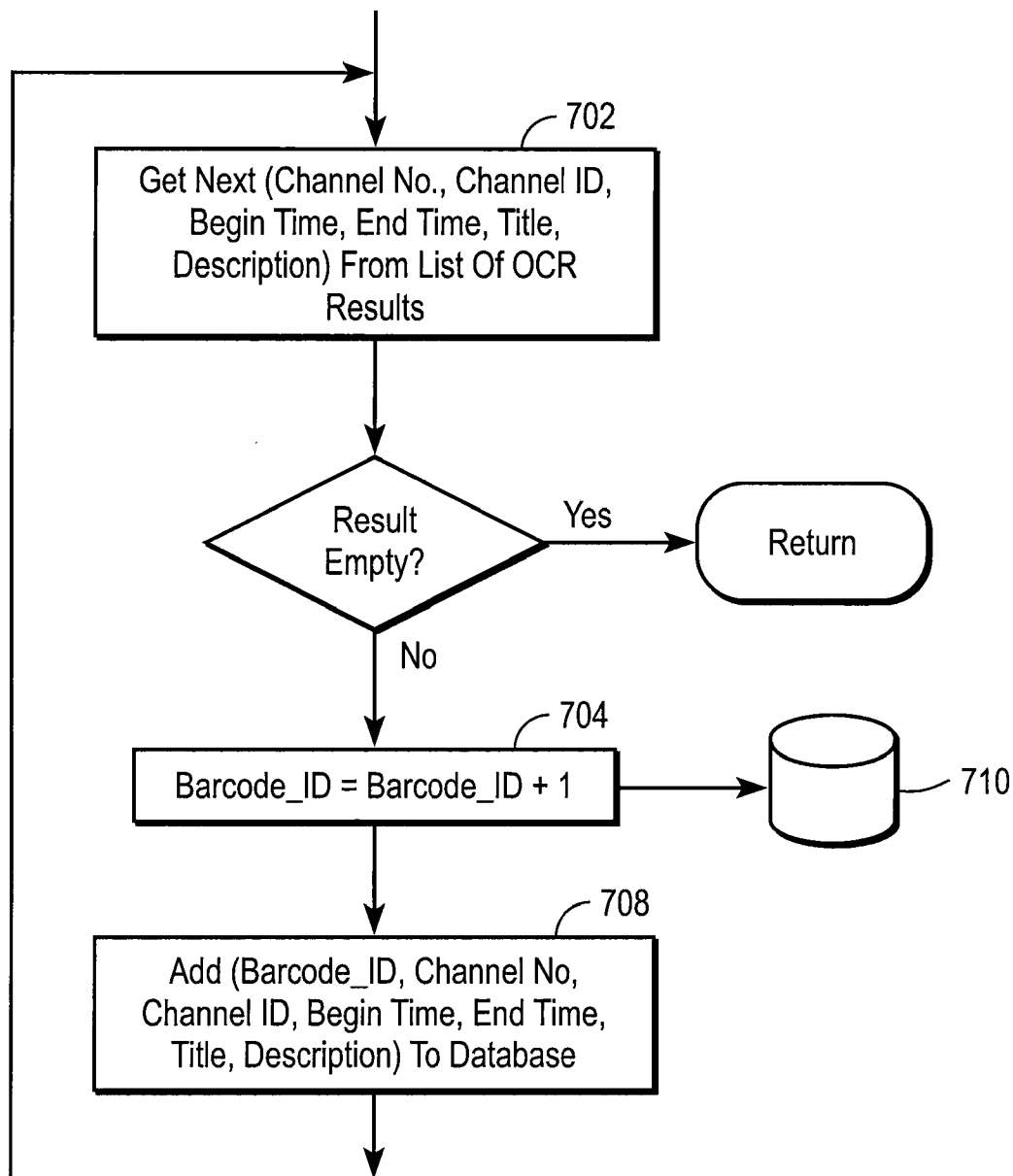


FIG. 7

Advance The Schedule Display Command

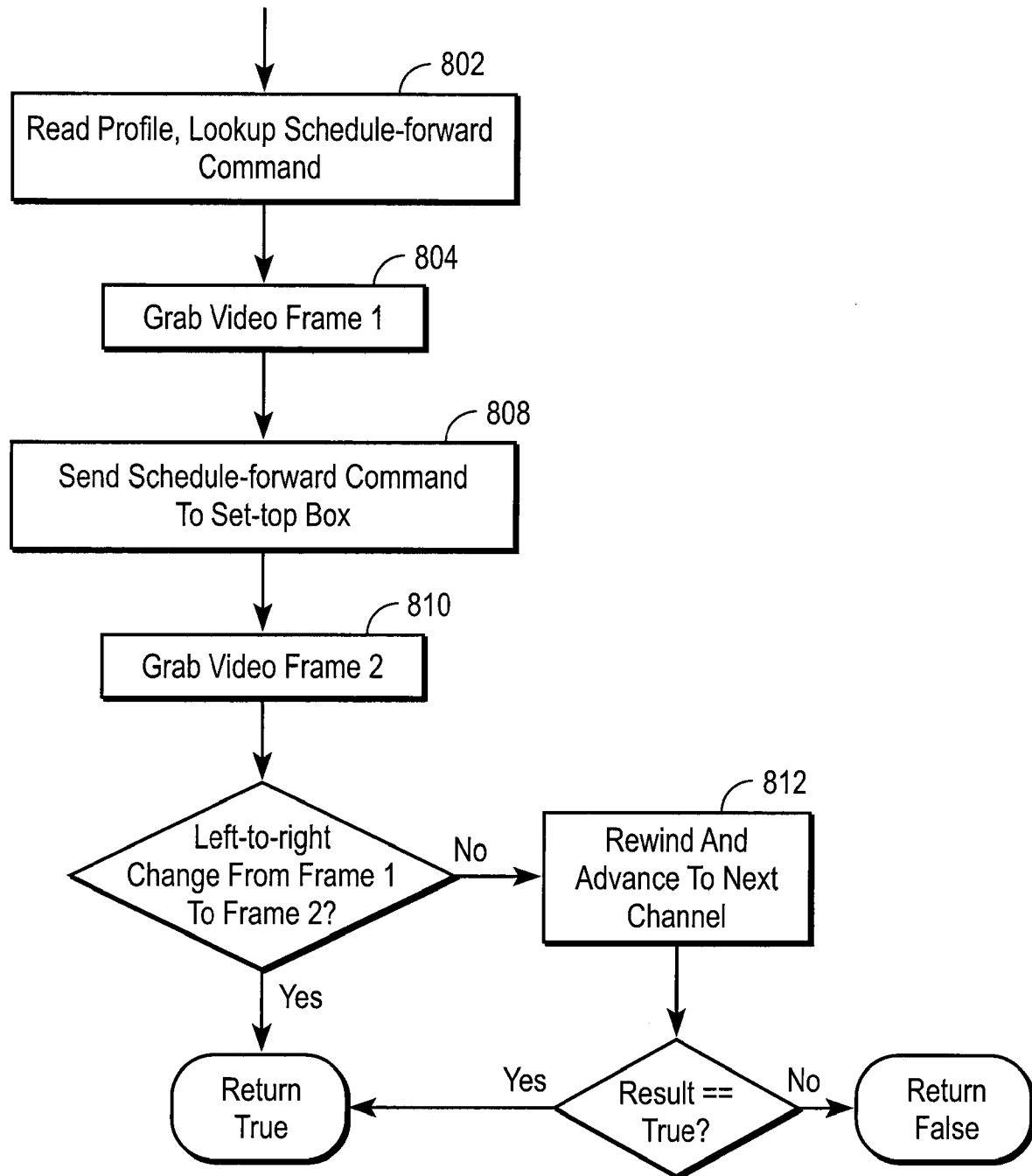


FIG. 8

Rewind And Advance To The Next Channel

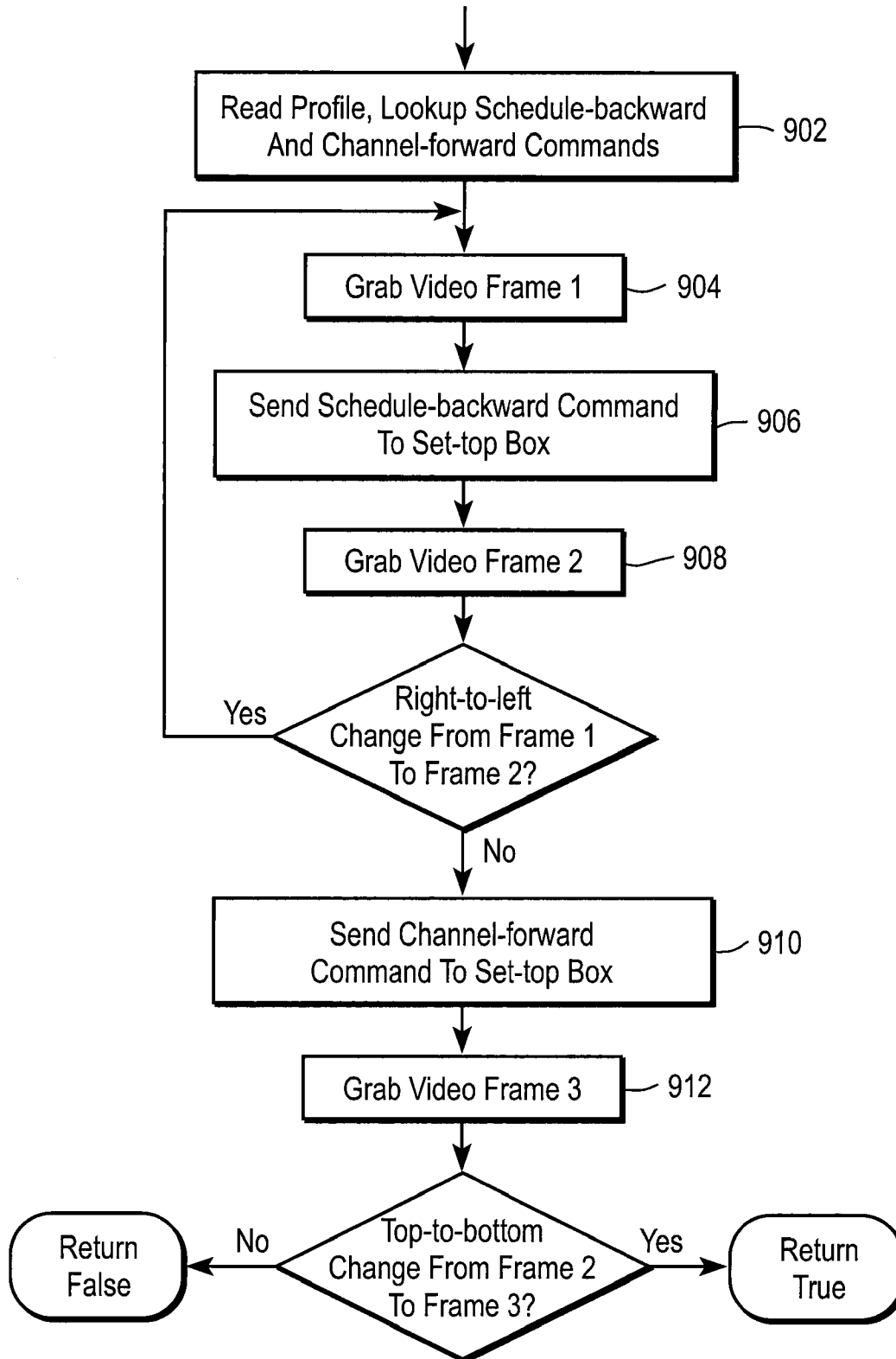


FIG. 9

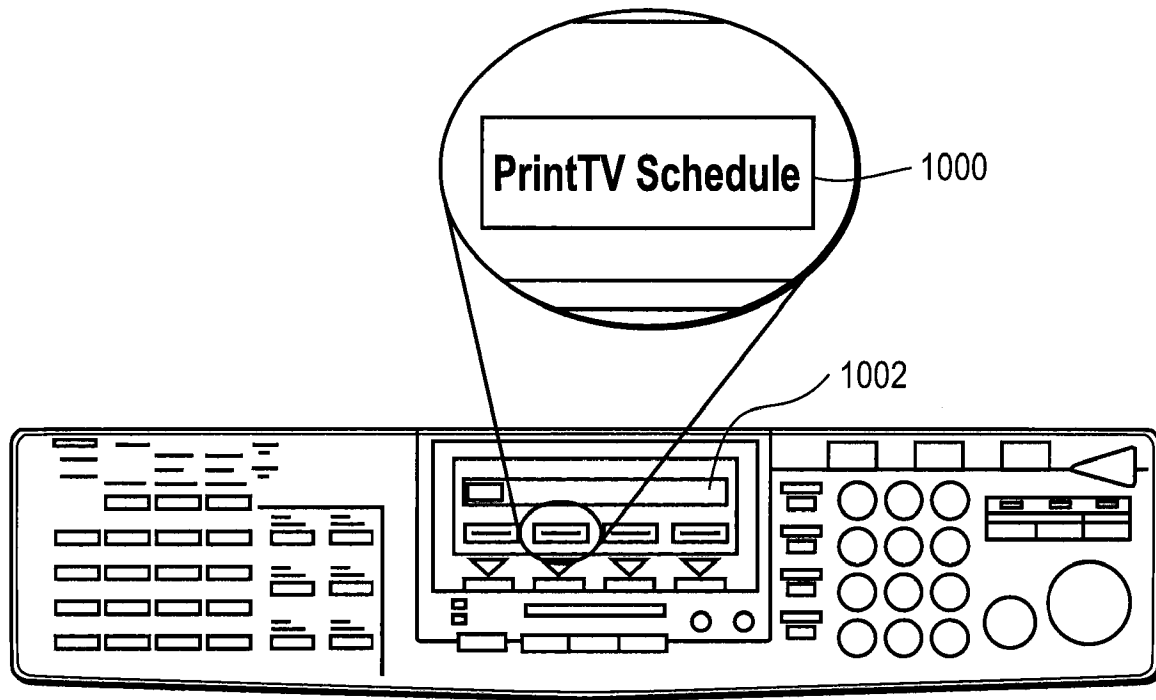


FIG. 10

Print Schedule Command

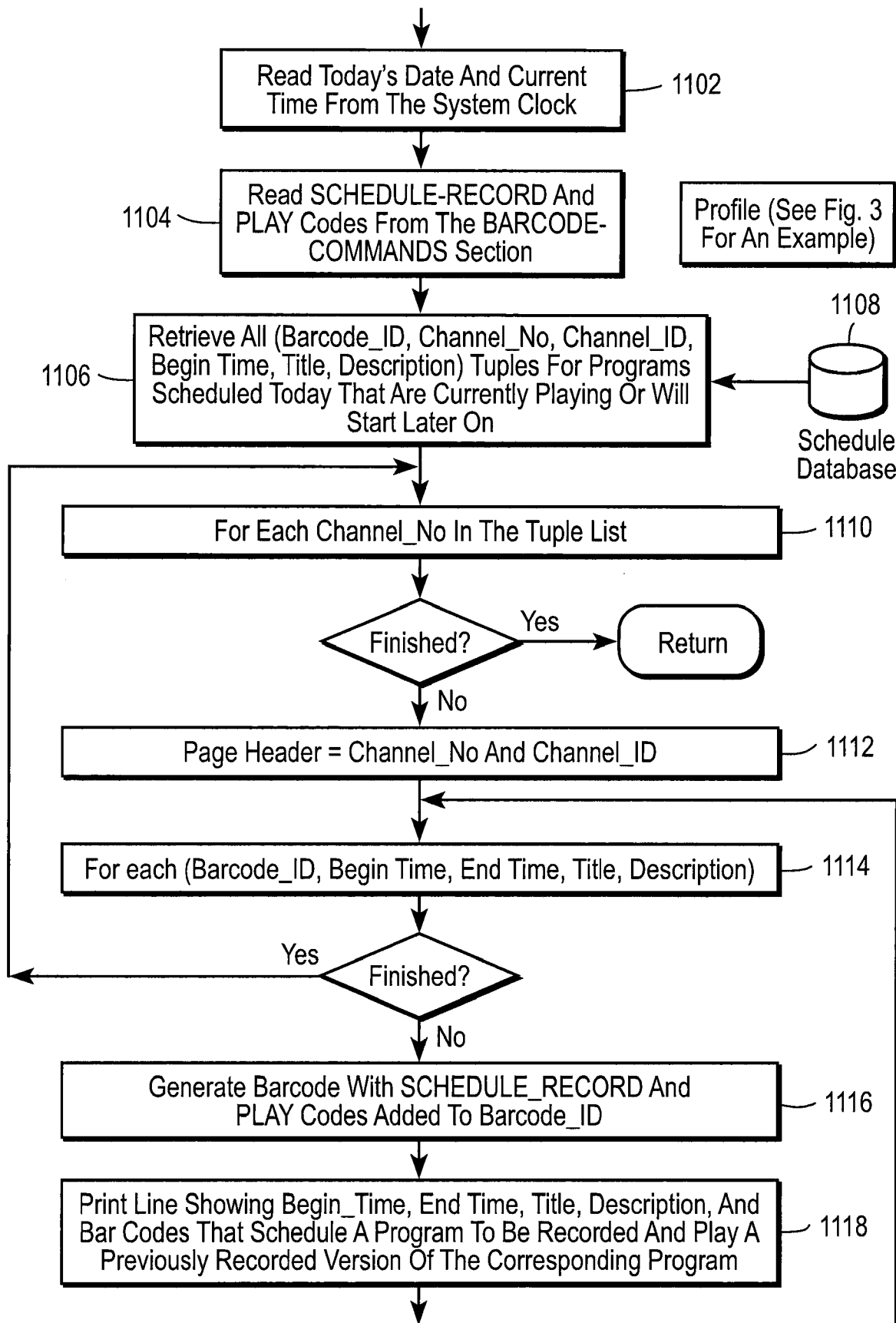


FIG. 11

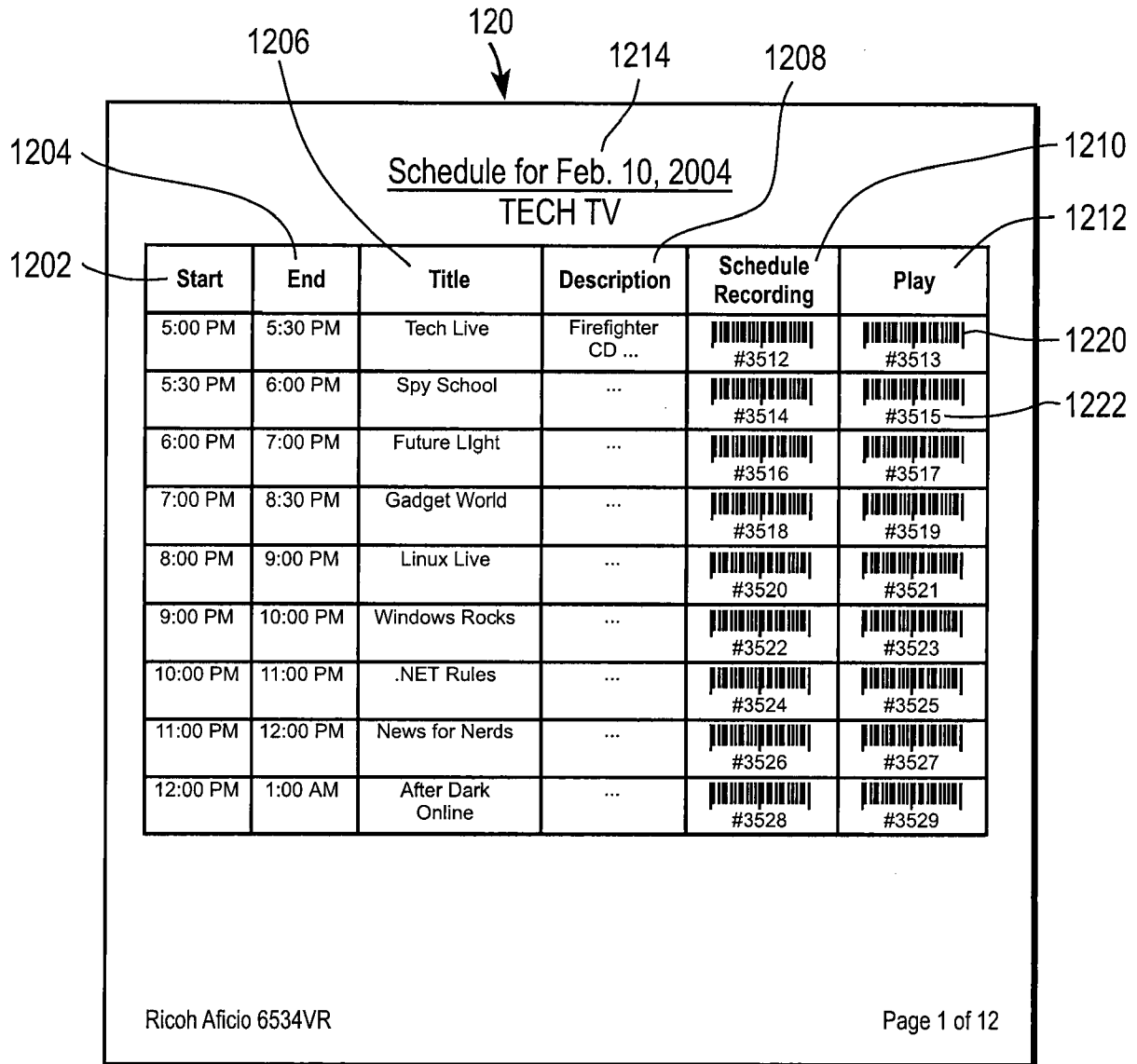


FIG. 12